

INFORMATION DISCLOSURE  
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(Use several sheets if necessary)

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871-63

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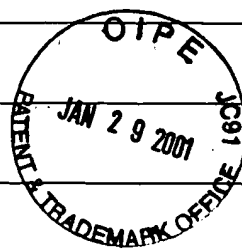
July 21, 1999

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09/357,764

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AM	4,597,058	6/1986	Izumi			
AM	4,186,438	1/1980	Benson			
AM	4,335,809	6/1982	Wain			
AM	4,654,799	3/1987	Ogaki			
AM	4,528,643	7/1985	Freeny			
AM	4,703,465	10/1987	Parker			
AM	4,787,050	11/1988	Suzuki			
AM	5,418,713	5/1995	Allen			
AM	5,341,350	8/1994	Frank			
AM	4,958,835	9/1990	Tashiro			
AM	4,956,768	9/1990	Sidi			
AM	4,922,420	5/1990	Nakagawa			
AM	4,761,684	8/1988	Clark			
AM	4,667,802	5/1987	Verduin			
AM	4,658,093	4/1987	Hellman			
AM	4,652,998	3/1987	Koza			
AM	4,636,951	1/1987	Harlick			
AM	4,582,324	4/1986	Koza			
AM	4,572,509	2/1986	Sitrick			

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	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
✓ AM	GB 2,170,943	8/1986	Great Britain				
✓ AM	JP 60-253082	12/1985	Japan				
✓	JP 2-153,665	6/1990	Japan				
✓	JP 63-60634	3/1988	Japan				
✓	JP 62-284496	12/1987	Japan				
✓	JP 58-179892	10/1983	Japan				
✓	JP 5-74078	3/1993	Japan				
✓ AM	JP 62-192849	8/1987	Japan				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

✓	Patent Abstract of Japan vol. 95, no. 010 & JP 07 281682 A (Naguo Yuasa), 27 October 1 JP 07 281682, figure 1-6 abrège
✓	Bonczek, Robert H. et al., "The DSS Development System", 1983 National Computer Conference, Anaheim, California, May 16-19, 1983, pp. 441-455.
✓	IBM Technical Disclosure Bulletin, Vol. 30, No. 5, October 1987, "Method for Automated Assembly of Software Versions", pp. 353-355.

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\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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JE	4,521,014	6/1985	Sitrick			
JE	4,412,292	10/1983	Sedam			
JE	4,335,908	6/1982	Burge			
JH	3,982,620	9/1976	Kotenhaus			
JE	5,191,611	3/1993	Lang			
JH	5,058,089	10/1991	Yoshimara			
JE	4,766,581	8/1988	Korn			
JE	4,949,187	8/1990	Cohen			
JE	5,041,921	8/1991	Scheffler			
JE	5,191,573	3/1993	Hair			
JE	5,355,302	10/1994	Martin			
JE	4,232,295	11/1980	McConnell			
JE	4,937,807	6/1990	Weitz			
AM	4,811,325	3/1989	Sharples			
AM	5,781,889	7/1998	Martin			
AM	5,166,886	11/1992	Molnar			
AM	5,237,157	8/1993	Kaplan			
AM	4,677,565	6/1987	Ogaki			
AM	4,949,187	8/1990	Cohen			
AM	4,920,432	4/1990	Eggers			

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						YES	NO
✓/AM	DE 4,244,198	6/1994	Germany				
✓/AM	GB 2,193,420	2/1988	Great Britain				
✓/AM	GB 2,259,398	3/1993	Great Britain				
✓/—	<del>EU 0,309,298</del>	<del>3/1989</del>	<del>Europe</del>				
✓/AM	WO A 93 18465	9/1993	WIPO				
✓/AM	GB A 2,122,799	1/1984	Great Britain				
✓/AM	WO A 91 20082	12/1991	WIPO				
✓/—	<del>EU A 0313359</del>	<del>4/1989</del>	<del>Europe</del>				
✓/AM	DE A 3,820,835	1/1989	Germany				
✓/AM	FR A 2602352	2/1988	France				

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✓	"Robotic Wafer Handling System for Glass 10 Environments" IBM Technical Disclosure Bulletin, Vol. 32, No. 9A, Feb. 1990, pages 141-143.
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
li	5,192,999	3/1993	Graczyk			
li	5,481,509	1/1996	Knowles			
li	5,445,295	8/1995	Brown			
li	5,703,795	12/1997	Mankowitz			
li	5,949,688	9/1999	Montoya			
li	5,734,719	3/1998	Tsevdos			
li	4,722,053	1/1988	Dubno			
li	5,762,552	6/1998	Vuong			
li	5,619,247	4/1997	Russo			
li	5,513,117	4/1996	Small			
li	5,431,492	7/1995	Rothschild			
li	5,845,104	12/1998	Rao			
li	4,999,806	3/1991	Chernow			
li	5,548,729	8/1996	Akiyoshi			
li	5,495,610	2/1996	Shing			
li	5,734,961	3/1998	Castille			
li	5,809,246	9/1998	Goldman			

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✓	<del>EU A 0631283</del>	<del>12/1994</del>	<del>Europe</del>				
✓	<del>EU A 0283350</del>	<del>9/1988</del>	<del>Europe</del>				
✓	WO A 94 03894	2/1994	WIPO				
✓	WO A 90 07843	7/1990	WIPO				
✓	<del>EU A 0082077</del>	<del>6/1988</del>	<del>Europe</del>				
✓	WO 95 03609 A	2/1995	WIPO				
✓	<del>WO 96 12258 A</del>	<del>4/1996</del>	<del>WIPO</del>				
✓	EPO 0 425 168 A	5/1991	Europe				
✓	WO 94 15416 A	7/1994	WIPO				
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✓	<del>"High-speed Opens and Shorts Substrate Tester", IBM Technical Disclosure Bulletin, Vol. 33, No. 12, May 1991, pages 251-259.</del>		
✓	<del>"Darts Revolution Again", Replay Magazine, March 1991, pages 146-148.</del>		
Examiner*	<i>li</i>	Date Considered	<i>6/25/02</i>

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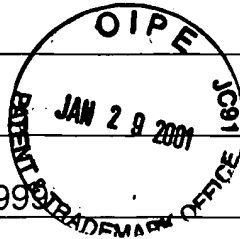
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<i>lu</i>	4,704,804	11/1987	Leal			
<i>lu</i>	5,375,206	12/1994	Hunter			
<i>lu</i>	4,924,378	5/1990	Hershey			
<i>lu</i>	5,138,712	8/1992	Corbin			
<i>lu</i>	5,260,999	11/1993	Wyman			
<i>lu</i>	5,559,505	9/1996	McNair			
<i>lu</i>	5,496,178	3/1996	Back			
<i>lu</i>	5,594,509	1/1997	Florin			
<i>lu</i>	5,613,909	3/1997	Stelovsky			
<i>lu</i>	5,691,778	11/1997	Song			
<i>lu</i>	5,774,672	6/1998	Funahashi			
<i>lu</i>	5,357,276	10/1994	Banker			
<i>lu</i>	5,684,716	11/1997	Freeman			
<i>lu</i>	5,668,592	9/1997	Spaulding			
<i>lu</i>	5,339,413	6/1994	Koval			
<i>lu</i>	5,457,305	10/1995	Akel			
<i>lu</i>	5,465,213	11/1995	Ross			
<i>lu</i>	5,712,976	1/1998	Falcon			
<i>lu</i>	5,761,655	6/1998	Hoffman			

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<del>lu</del>	<del>WO 96/42256</del>	<del>4/1996</del>	<del>WIPO</del>				
<del>lu</del>	<del>EPO 0283304</del>	<del>9/1988</del>	<del>Europe</del>				
<del>lu</del>	<del>EPO 0368186</del>	<del>4/1990</del>	<del>Europe</del>				
<del>lu</del>	<del>EPO 0480558</del>	<del>4/1992</del>	<del>Europe</del>				
<i>lu</i>	JP 57-173207	10/1982	Japan (Abstract only)				
<i>lu</i>	JP10-098344	4/1998	Japan (Abstract only)				
<i>lu</i>	JP 08-279235	10/1996	Japan (Abstract only)				
<i>lu</i>	WO 98/45835	10/1998	WIPO				
<del>lu</del>	<del>EP 0919964</del>	<del>6/1999</del>	<del>Europe</del>				

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<input checked="" type="checkbox"/>	Galen A. Grimes, "Chapter 18, Taking Advantage of Web-based Audio."
<input checked="" type="checkbox"/>	Petri Koskelainen, "Report on Streamworks™"
<input checked="" type="checkbox"/>	W. Richard Stevens, "TCP/IP Illustrated, Vol. 1, the Protocols"
<input checked="" type="checkbox"/>	Nowell-Outlaw, "Virtual Servers Offer Performance Benefits for Networks Imaging"

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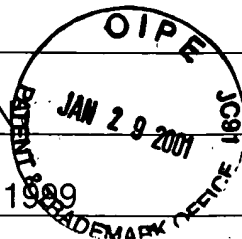
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14		5,832,287	11/1998	Atalla			
14		5,915,094	6/1999	Kouloheris			
14		5,887,193	3/1999	Takahashi			
14		5,835,843	11/1998	Haddad			
14		5,884,028	3/1999	Kindell			
14		5,276,866	1/1994	Paolini			
14		5,583,994	12/1996	Rangan			
14		5,475,835	12/1995	Hickey			
14		5,966,495	10/1999	Takahashi			
14		5,559,549	9/1996	Hendricks			
14		5,511,000	4/1996	Kaloi			
14		6,018,337	1/2000	Peters			
14		4,926,485	5/1990	Yamashita			
14		5,726,909	3/1998	Krikorian			
14		4,558,413	12/1985	Schmidt			
14		5,708,811	1/1998	Arendt			
14		5,913,040	6/1999	Rakavy			
14		5,959,869	9/1999	Miller			

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<del>WO/96/12255</del>	<del>WO-96/12255</del>	<del>4/1996</del>	<del>WIPO</del>					
<del>EP 0817103</del>	<del>EP0817103</del>	<del>1/1998</del>	<del>Europe</del>					
<del>EP 0982695</del>	<del>EP*0982695</del>	<del>3/2000</del>	<del>Europe</del>					
<del>EP 0498130</del>	<del>EP 0498130</del>	<del>8/1992</del>	<del>Europe</del>					
<del>EP 0632371</del>	<del>EP-0632371</del>	<del>1/1995</del>	<del>Europe</del>					
<del>EP 0841616A2</del>	<del>EP*0841616A2</del>	<del>5/1998</del>	<del>Europe</del>					
<del>EP 0498130A2</del>	<del>EP*0498130A2</del>	<del>8/1992</del>	<del>Europe</del>					
<del>WO/96/12257</del>	<del>WO-96/12257</del>	<del>4/1996</del>	<del>WIPO</del>					

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

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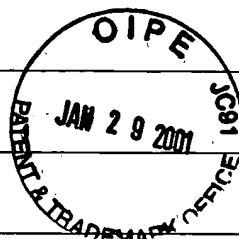
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SH	5,930,765	7/1999	Martin			
SH	5,774,668	6/1998	Choquier			
SH	5,867,714	2/1999	Todd			
SH	5,790,856	8/1998	Lillich			
SH	5,923,885	7/1999	Johnson			
SH	6,009,274	12/1999	Fletcher			
SH	5,619,698	4/1997	Lillich			
SH	5,455,926	10/1995	Keele			
SH	5,644,766	7/1997	Coy			
SH	5,802,599	9/1998	Cabrera			
SH	5,250,747	10/1993	Tsumura			
SH	5,623,666	4/1997	Pike			
SH	5,808,224	9/1998	Kato			
SH	5,884,298	3/1999	Smith			
SH	5,555,244	9/1996	Gupta			
SH	5,369,778	11/1994	SanSoucie			
SH	5,155,847	10/1992	Kirouac			
SH	5,550,577	8/1996	Verbiest			
SH	5,557,541	9/1996	Schulhof			

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						YES	NO
SH	EP 0786122 B1	7/1997	Europe				
SH	GB 2 238680 A	6/1991	Great Britain				
✓	<del>DE 19610739</del>	<del>9/1997</del>	<del>Germany</del>				
✓	<del>EPO 0256921</del>	<del>2/1988</del>	<del>Europe</del>				
✓	<del>WO 94/15306</del>	<del>7/1994</del>	<del>WIPO</del>				
✓ SH	GB 2,262,170 A	6/1993	Great Britain				
✓	<del>EPO 0,340,787</del>	<del>11/1989</del>	<del>Europe</del>				
✓ SH	WO 93/16557	8/1993	WIPO				

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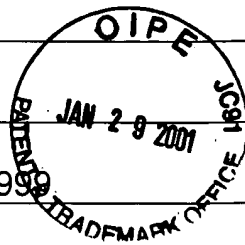
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AL	5,642,337	6/1997	Oskay			
AL	5,854,887	12/1998	Kindell			
AL	5,915,238	6/1999	Tjaden			
AL	5,790,671	8/1998	Cooper			
AL	5,566,237	10/1996	Dobbs			
AL	5,959,945	9/1999	Kleiman			
AL	5,239,480	8/1993	Huegel			
AL	5,203,028	4/1993	Shiraishi			
AL	4,825,054	4/1989	Rust			
AL	5,428,252	6/1995	Walker			
AL	4,677,311	6/1987	Morita			
AL	5,315,161	5/1994	Robinson			
AL	4,675,538	6/1987	Epstein			
AL	4,868,832	9/1989	Marrington			
AL	5,012,121	4/1991	Hammond			
AL	5,612,581	3/1997	Kageyama			
AL	5,570,363	10/1996	Holm			
AL	4,829,570	5/1989	Schotz			
AL	6,151,634	11/2000	Glaser			

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✓ AL	WO 94/14273	6/1994	WIPO				
✓ AL	<del>EP 0538319 B1</del>	<del>4/1993</del>	<del>Europe</del>				
✓ AL	DE 3820835 A1	1/1989	Germany				
✓ AL	<del>EP 0140593 A2</del>	<del>5/1985</del>	<del>Europe</del>				
✓ AL	GB 2166328 A	4/1986	Great Britain				
✓ AL	WO 95/29537	11/1995	WIPO				
✓ AL	DE 3,723,737 A1	1/1988	Germany				
✓ AL	<del>EP 0464562 A2</del>	<del>1/1992</del>	<del>Europe</del>				

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HY	5,917,835	6/1999	Barrett			
MM	5,163,131	11/1992	Row			
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HY	5,668,788	9/1997	Allison			
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HY	5,420,923	5/1995	Beyers			
MM	6,072,982	6/2000	Haddad			
AL	5,592,551	1/1997	Lett			
HY	6,002,720	12/1999	Yurt			
AL	5,790,172	8/1998	Imanaka			
HY	4,792,849	12/1988	McCalley			
AL	5,644,714	7/1997	Kikinis			
HY	5,798,785	8/1998	Hendricks			
AL	5,862,324	1/1999	Collins			
HY	5,917,537	6/1999	Lightfoot			
AL	5,931,908	8/1999	Gerba			
HY	5,978,855	11/1999	Metz			
AL	5,262,875	11/1993	Mincer et al.			
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✓	EP 0 974 896 A1	1/2000	Europe				
✓	EP 0 507 110	10/1992	Europe				
✓	WO 91/08542	6/1991	WIPO				
✓	199954012	4/2000	Australia				
✓	07281682	10/1995	Japan (Abstract only)				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

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